

armelson



armelson

Headquarter
Postane Mah.
Okandan Sok.
No:10 PK:34940
Tuzla - İstanbul / TURKEY

Branch
Üniversiteler Mah. 1596 Cad.
Hacettepe Teknokent 5. Ar-Ge
No: 8B 3. Kat Ofis No: 14 PK: 06800
Çankaya - Ankara / TURKEY

Branch
Sanayi Mah. Teknopark Bulv.
Teknopark İstanbul No:1/5A
Daire: Z07 PK: 34906
Pendik - İstanbul / TURKEY

+90 216 527 62 22
+90 216 527 62 21
info@armelson.com

3.000m WORK CLASS ROV

Kosif



New generation hybrid ROV System with electric thrusters



Twice as efficient as older generation hydraulic ROV's



Smaller size, higher power



Lower down time



API 533 Compliant System

3.000m - WORK CLASS ROV



Vehicle Specifications

| | |
|--------------------|--------------------|
| Weight in Air | 3.500 kg |
| Dimensions (LxHxW) | 3.2m x 1.9m x 1.7m |
| Operating Depth | 3.000m |
| Payload | 350 kg |

Power Specifications

| | |
|---------------------|--|
| ROV/HPU Power Input | 440VAC, 120 kW 3 phase |
| Thrusters | 7x Electric (190kgf thrust each) (4 Horizontal, 3 Vertical) |
| HPU | 75 kW Dual Pump (1x Manipulators, 1x Tooling) |

Hydraulic Power Unit

| | |
|------------------|---|
| Valve Packs | Sub-Atlantic Proportional Valve Pack Sub-Atlantic Selenoidal Valve Pack (Optional RCU Valve Pack) |
| High Flow Supply | 60+ gal/min @ 5.000 psi (API 53 Compliant) |
| Low Flow Supply | 0 – 9 gal/min @ 3.000 psi |



Vehicle Camera and Lighting

| | |
|----------|---|
| Cameras | 1 x HD Camera 1 x SD Camera 1 x Focus Zoom Camera 1 x Low Light Camera 1 x Rear Camera 1 x Tether Camera |
| Lighting | 6 x 25.000 Lumen (Dimmable) |



Vehicle Equipments and Control

| | |
|--------------------|---|
| Manipulators | 1 x Schilling T4 1 x Schilling Rigmaster |
| Sonar | Tritech Super SeaKing |
| Pan and Tilt | 2 x Pan Tilt Unit |
| Depth and Altitude | Valeport VA500 |
| Navigation | RTS Nemo (INS & DVL) ARMELSAN Navigation Sensor Pack |
| Oto-Functions | Auto Heading Auto Depth Auto Altitude |

